



PRODUCT NEWS

ROSS CONTROLS® Improves Low Temperature Ratings of Valves

- *Expands Application Range*
- *Broadens Base of Potential Customers*
- *Compliments Circuits using Low Temp Series 21 Products*

ROSS CONTROLS® World Headquarters (November 2018) - Customers worldwide have long considered ROSS® products as best-in-class for extreme and harsh environments. ROSS® has earned a reputation for rugged reliability and long service life in these challenging applications.

For decades ROSS® Series 21 valves have successfully operated in **-40°F (-40°C)** conditions. Similarly, many ROSS® legacy products have been effectively installed in circuits with the Series 21, even though the applications were well below the conservative temperature ratings published in our catalogs. It is well-known, water vapor in an air system has the potential to cause the formation of ice when operating at temperatures below **+40°F (4°C)**. ROSS® has historically used this principle to guide the low temperature ratings of many legacy products instead of using the actual temperature capability of the valve design.






Today, ROSS CONTROLS® is pleased to announce modernized low temperature ratings for many of our legacy products. Literature on the ROSS® website has been updated to reflect the lower temperature range for the valves on Page 2 of this announcement. No design or component changes have been made, so any valves on your shelf will operate at these lower temperatures.

OEM business. Even if you sell ROSS® products in a warm climate where USER customers do not operate at low temperatures, you may have OEM customers who design & build equipment for cold weather applications outside of your territory. We often receive calls in ROSS® Technical Service from customers in distinctly warm climates looking for **below -0°F (-18°C)** capable products.

In the coming months we will verify the low temperature capability of other products, adjust our published low temperature ratings and send another announcement to you.

In the meantime, if you have a question on low temperature applications not covered by our published data, please contact ROSS® Technical Service. We are constantly developing new solutions to push application limits. ROSS® stands ready to solve your application challenge, regardless of the temperature.

– more –

NEW Low Temperature Ratings*		
Valve Series		Temperature
31 Heavy-Duty Hand Lever		-40°F (-40°C)
19 Heavy-Duty Flow Controls, Checks and Shuttles		-40°F (-40°C)
18 Heavy-Duty Quick Exhaust		-40°F (-40°C)
36 Heavy-Duty Lever, Pedal and Treadle		-30°F (-34°C)
11 Heavy-Duty Toggle, Palm Button, Plunger and Cam Roller		-10°F (-23°C)
12 Heavy-Duty Palm Button		-10°F (-23°C)
W60, W64, W65, W70, W74, DALE, Process Valve		Coming Soon

* If you have a cold temperature application not covered by our published data, please contact ROSS, we may already have a solution available.

